

# Jay Sardar

## Backend Developer



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### Professional Summary

I possess a comprehensive understanding of both Agile and Waterfall methodologies, enabling me to navigate diverse project environments with ease. Fluent in **Javascript/Node**, PHP, and Python, I bring a versatile skill set to any team, facilitating seamless collaboration across various technical domains. My hands-on experience in these languages equips me to contribute effectively to project objectives, ensuring the delivery of high-quality solutions.

### Skills And Accomplishment

- MERN STACK : MongoDB | Express.js | **Node.js** | **React** | Typescript | **Javascript**
- Languages : **Javascript** | Typescript
- Frameworks : **Express** | Socket.io | Fastify
- Database : **Mongodb** | **MySQL**
- Version Control : Git | Github
- Backend Development : **Express.js** | **Fastify** | Swagger | Postman | \*MicroServices | \*Kafka | \*Jenkins
- Deployment : AWS | Docker | \*Kubernetes | (\* = basic proficiency)

### Experience

- **Backend Developer at Ekodus Technology Private Limited, Guwahati** *july 2023 - Oct 2023*
  - I successfully **developed the backend** for a CEC project, Saileja constructions , Golden Woods, TradeForte and Besakina.
  - Implemented **API documentation using Swagger** to enhance clarity and accessibility.
  - Rigorously **tested APIs using Postman** to ensure functionality and reliability.
  - Effectively implemented **API authentication and authorization** for enhanced security and access control.
  - **Meeting and handling clients** to meet the projects requirement.
- **Intern Software Developer at CityMall, Gurgaon** *jan 2023 - may 2023*
  - Developed a feature independently, focusing on frontend development using **React Native**. **Fixed 10+ bugs** and **performed regular debugging** to ensure smooth functionality.
  - Wrote **20+ end-to-end automation tests** to ensure quality and reliability of the software using library Detox
  - Collaborated effectively with cross -functional teams to achieve project goals and deadlines .Worked alone to develop a feature to collect customers feedback to improve customer service. Using **react native, express.js and mongoDB**.

## ● Backend Developer Trainee at functionUp

Jul 2021 - dec 2021

- Received intensive training in backend development using **Node.js with Express and MongoDB**.
- Assisted in building and maintaining backend systems, contributing to the successful development of **4 major projects**.
- Actively participated in **10+ code reviews**, providing valuable feedback to improve code quality and performance. Guided my team for the project. Utilized Git for version control, managing a codebase of **5,000+ lines of code**.
- Resolved 15 + issues through effective troubleshooting and debugging, ensuring smooth operations.

## Projects

### ● Tradeforte Consultancy Services (Import Export Forex) - Ekodus Technologies

- Gathered information to successfully making ER diagram, taking full responsibility of project and giving direction and suggestion to improve project.
- Built entire backend of tradeforte consultancy services for their business of international import/exports of goods.
- It included complete digitalisation of their paper based work. From generating invoices to sending notifications, tracking all the employees activity, registering gst details on gov. site etc.
- Implemented role based authorisation for multi level user access control, enabling fine control over digitally created assets.
- Implemented **search functionality** using **elasticsearch** for HSN code.

### ● Golden Woods Construction - Ekodus Technologies

- Developed a comprehensive Construction Enterprise Management System for Sailaja Constructions, utilizing Node.js and MySQL to build RESTful APIs and manage data efficiently. Incorporated a user-friendly chatbot for seamless navigation on the website.
- **RESTful APIs Development:** Created a set of RESTful APIs using Laravel, used **Swagger/openApi** for api documentation.
- **Database Management:** Leveraged MySQL to design and maintain a structured database system, ensuring secure and efficient data storage, retrieval, and management.
- **Chatbot Integration:** Integrated a user-friendly chatbot for the website to enhance us

### ● CEC Educaitonal Institute- Ekodus Technologies

- Built **RESTful APIs:** Created RESTful APIs using Node.js and Express, mongoDb, redis.
- Database Management: Utilized MongoDB to design and manage the database.
- **Payment Gateway Integration:** Integrated the **PayU payment gateway** to enable secure and convenient online fee collection, ensuring a smooth experience for students and administrators.
- **SMS Notifications:** Integrated **Jio Trueconnect** as an SMS gateway to provide real-time notifications to users, enhancing the communication process.
- **Email Communication:** Incorporated **Nodemailer** to enable automated email communication, including fee payment receipts, reminders, and important updates.
- Used **Cerbos** to handle authentication and authorization with **auth0**.

## Education

B.Tech - Indian Institute Of Technology, Guwahati

Jul- 2022

- Bachelor of Technology

## Courses And Certifications

- |  |                             |
|--|-----------------------------|
| • JavaScript Algorithms and Data Structures      | <a href="#">certificate</a> |
| • Masterclass React Tutorial and Projects Course | <a href="#">certificate</a> |
| • Node.js, Express, MongoDB & More               | <a href="#">certificate</a> |